

## University of Groningen

# Chemoattractants and chemorepellents act by inducing opposite polarity in phospholipase C and PI3-kinase signaling

Keizer-Gunnink, Ineke; Kortholt, Arjan; Van Haastert, Peter J. M.

*Published in:*  
Journal of Cell Biology

*DOI:*  
[10.1083/jcb.200611046](https://doi.org/10.1083/jcb.200611046)

**IMPORTANT NOTE:** You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

*Document Version*  
Publisher's PDF, also known as Version of record

*Publication date:*  
2007

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*  
Keizer-Gunnink, I., Kortholt, A., & Van Haastert, P. J. M. (2007). Chemoattractants and chemorepellents act by inducing opposite polarity in phospholipase C and PI3-kinase signaling. *Journal of Cell Biology*, 177(4), 579-585. <https://doi.org/10.1083/jcb.200611046>

### Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

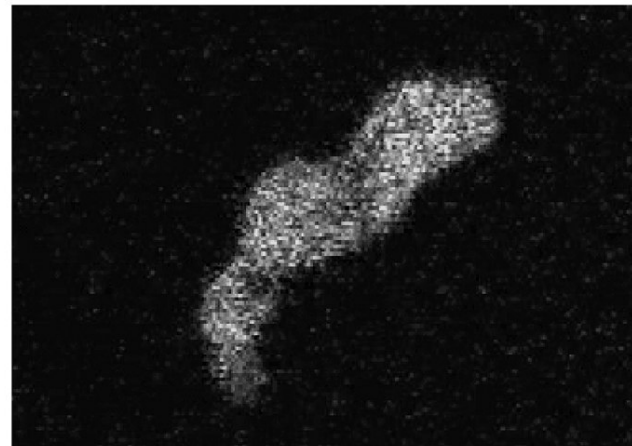
### Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

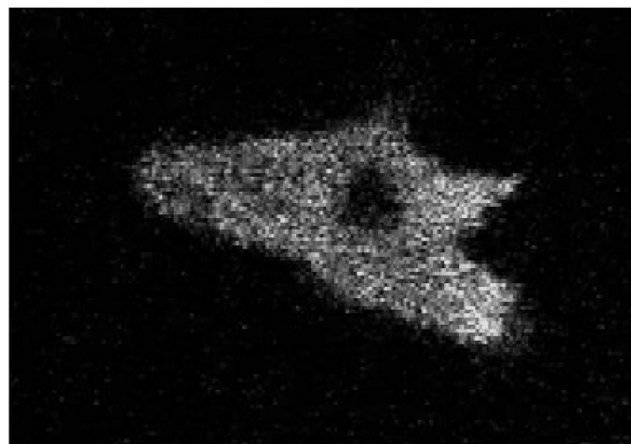
*Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.*

cAMP

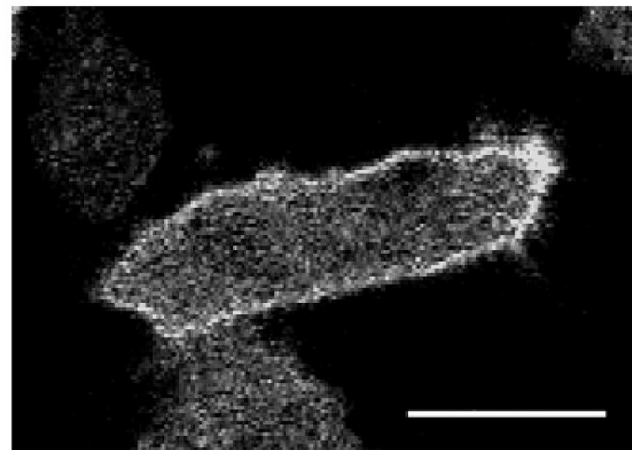
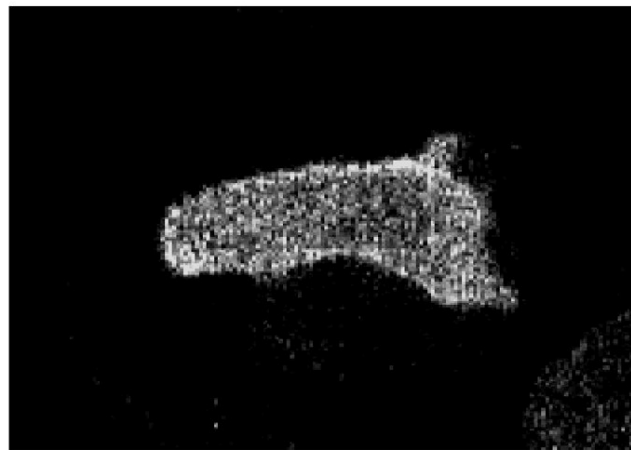
8CPT-cAMP



PIP3



PTEN



PI3K